

JBI Critical Appraisal Checklist

JBI Critical Appraisal Checklist for Studies Reporting Prevalence Data

Reviewer _____

Date _____

Author _____

Year _____

Record Number _____

	Yes	No	Unclear	Not applicable
1. Was the sample frame appropriate to address the target population?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were study participants sampled in an appropriate way?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Was the sample size adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Were the study subjects and the setting described in detail?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Was the data analysis conducted with sufficient coverage of the identified sample?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Were valid methods used for the identification of the condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Was the condition measured in a standard, reliable way	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

for all participants?

8. Was there appropriate statistical analysis? ☐ ☐ ☐ ☐

9. Was the response rate adequate, and if not, was the low ☐ ☐ ☐ ☐

response rate managed appropriately?

Overall appraisal: Include ☐ Exclude ☐ Seek further info ☐

Comments (Including reason for exclusion)

JBI Critical Appraisal Checklist for Analytical Cross Sectional Studies

Reviewer _____

Date _____

Author _____

Year _____ Record Number _____

Yes No Unclear Not applicable

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. Were the criteria for inclusion in the sample clearly defined? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Were the study subjects and the setting described in detail? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Was the exposure measured in a valid and reliable way? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Were objective, standard criteria used for measurement of the condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Were confounding factors identified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Were strategies to deal with confounding factors stated? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Were the outcomes measured in a valid and reliable way? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

8. Was appropriate statistical analysis used?

☐

☐

☐

☐

Overall appraisal:

Include

☐

Exclude

☐

Seek further info

☐

Comments (Including reason for exclusion)

JBI Critical Appraisal Checklist for Case Control Studies

Reviewer _____

Date _____

Author _____

Year _____

Record Number _____

Yes No Unclear Not applicable

1. Were the groups comparable other than the

presence of disease in cases or the absence of

disease in controls?

☐☐☐☐

2. Were cases and controls matched

appropriately?

☐☐☐☐

3. Were the same criteria used for identification of

cases and controls?

☐☐☐☐

4. Was exposure measured in a standard, valid and

reliable way?

☐☐☐☐

5. Was exposure measured in the same way for

cases and controls?

☐☐☐☐

of the identified sample?

6.

Were confounding factors identified?

☐

☐

☐

☐
7.

Were strategies to deal with confounding factors stated?

☐

☐

☐

☐
8.

Were outcomes assessed in a standard, valid and reliable way for cases and controls?

☐

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☐
9.

Was the exposure period of interest long enough to be meaningful?

☐

☐

☐

☐
10.

Was appropriate statistical analysis used?

☐

☐

☐

☐

Overall appraisal: Include ☐ Exclude ☐ Seek further info ☐

Comments (Including reason for exclusion)

JBI Critical Appraisal Checklist for Cohort Studies

Reviewer _____

Date _____

Author _____

Year _____ Record Number _____

Yes No Unclear Not applicable

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. Were the two groups similar and recruited from the same population? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Were the exposures measured similarly to assign people to both exposed and unexposed groups? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Was the exposure measured in a valid and reliable way? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Were confounding factors identified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Were strategies to deal with confounding factors stated? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Were the groups/participants free of the outcome at the start of the study (or at the moment of exposure)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Were the outcomes measured in a valid and reliable way? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

8. Was the follow up time reported and sufficient to be long enough for outcomes to occur?

☐☐☐☐
9. Was follow up complete, and if not, were the reasons to loss to follow up described and explored?

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10. Were strategies to address incomplete follow up utilized?

☐☐☐☐
11. Was appropriate statistical analysis used?

☐☐☐☐

Overall appraisal: Include ☐ Exclude ☐ Seek further info ☐

Comments (Including reason for exclusion)